

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **BUILT-IN SELF-ANALYZER FOR EMBEDDED MEMORY**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56. If this is a continuation-in-part application filed under the conditions specified in 35 U.S.C. § 120 which discloses claims and subject matter in addition to that disclosed in the prior copending application, I further acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed:

Number	Country	Day/Month/Year Filed	Claim Priority?
			<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number	Filing Date
60/463,406	April 15, 2003

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT international application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number	Filing Date	Status: patented, pending, abandoned

I hereby appoint the practitioners associated with the customer number provided below to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

Customer Number 24197

Name	Reg. No.	Name	Reg. No.
ANDON, Christopher L.	51,406	MC LEOD, Richard D.	46,921
BAKER, Theodore W.	53,961	MAURER, Gregory L.	43,781
BIBLE, Patrick M.	44,423	NOONAN, William D.	30,878
BUNKER, Gillian	47,461	PETERSEN, David P.	28,106
CALDWELL, Lisa M.	41,653	POLLEY, Richard J.	28,107
CARLSON, Anne	47,472	RINEHART, Kyle B.	47,027
CASH, David	52,706	RUPERT, Wayne W.	34,420
GIRARD, Michael P.	38,467	RYBAK, Sheree L.	47,913
GOFF, Jared S.	44,716	SIEGEL, Susan Alpert	43,121
GORDON, Debra A.	54,128	SLATER, Stacey C.	36,011
HAENDLER, Jeffrey B.	43,652	STEPHENS Jr., Donald L.	34,022
HARDING, Tanya M.	42,630	STUART, John W.	24,540
HAYES, Kevin M.	54,158	VANDENBERG, John D.	31,312
JAKUBEK, Joseph T.	34,190	WAGNER, Justin D.	54,519
JONCUS, Stephen J.	44,809	WHINSTON, Arthur L.	19,155
JONES, Michael D.	41,879	WIGHT, Stephen A.	37,759
KLARQUIST, Kenneth S.	16,445	WINN, Garth A.	33,220
KLITZKE II, Ramon A.	30,188	YOUNG, Travis	53,819
LEIGH, James S.	20,434	ZASTROW, Devon J.	50,206

I hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Combined Declaration and Power of Attorney any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for submitting this document.


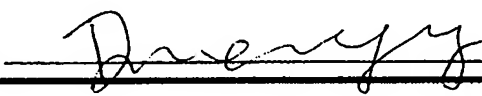
Address all telephone calls to Patrick M. Bible at telephone number (503) 226-7391.

Address all correspondence to the address associated with the customer number provided below:

Customer Number 24197

The correspondence address associated with the customer number provided above is:
Klarquist Sparkman, LLP
121 S.W. Salmon Street, Suite 1600
Portland, OR 97204

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Third Inventor: Wu-Tung Cheng**Residence:** Lake Oswego, OR**Mailing Address:** 19030 SW 35th Place
Lake Oswego, OR 97034**Citizenship:** U.S.A.**Inventor's Signature** **Date** 12/29/2003**Name of First or Sole Inventor:** Joseph Rayhawk**Residence:** Portland, OR**Mailing Address:** 15248 NW Germantown Road
Portland, OR 97231**Citizenship:** U.S.A.**Inventor's Signature** **Date** 12/24/2003**Name of Second Inventor:** Xiaogang Du**Residence:** Wilsonville, OR**Mailing Address:** 29850 SW Ashland Dr., #26
Wilsonville, OR 97070**Citizenship:** China**Inventor's Signature** **Date** 12/24/2003